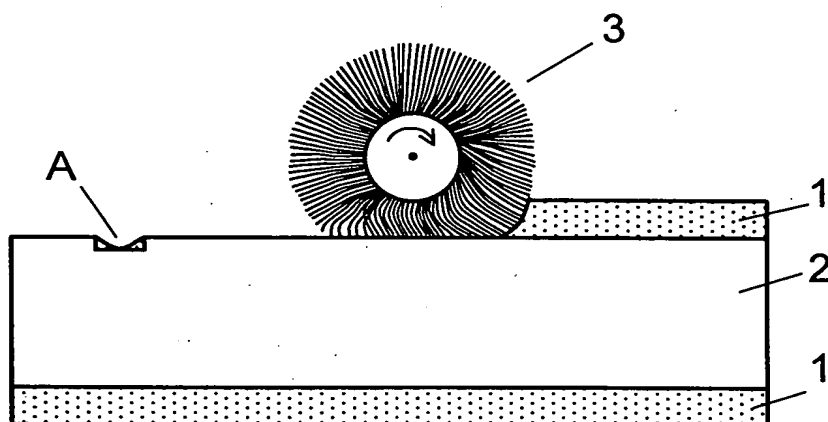


A schematic diagram of a laser welding head assembly. The assembly includes a laser source (1) at the bottom, a lens (2) in the middle, and a nozzle (4) at the top. A laser beam (5) is emitted from the nozzle, and a gas flow (6) is directed towards the workpiece. The workpiece is shown as a cross-section with a top layer (1) and a bottom layer (2).

FIG. 2 PRIOR ART



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